



10/081439

C+C

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: Kie Y. Ahn et al.

Examiner: Wille, Douglas

Patent No.: 6,893,984

Group Art Unit: 2814

Issue Date: May 17, 2005

Docket No: 1303.046US1

Title: EVAPORATED LaAlO₃ FILMS FOR GATE DIELECTRICS

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Certificate
JUN 17 2005
of Correction

We are transmitting herewith the attached:

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- ☒ Certificate of Correction Form - PTO-1050 (in duplicate)
- ☒ A return postcard.

Please charge any additional fees or credit overpayment to Deposit Account No. 19-0743.

SCHWEGMAN, LUNDBERG, WOESSNER & KLUTH, P.A.
Customer No: 21186

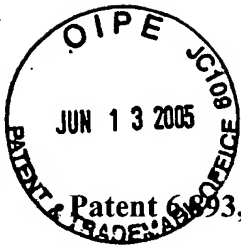
By: David R. Cochran
Name: David R. Cochran
Reg. No. 46,632
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CERTIFICATE UNDER 37 CFR 1.8: The undersigned hereby certifies that this correspondence is being deposited with the United States Postal Service with sufficient postage as first class mail, in an envelope addressed to: Commissioner of Patents and Trademarks, P.O. Box 1450, Alexandria VA 22313-1450, on this 9 day of June 2005.

Mya Schild
Name

Mya Schild
Signature

JUN 20 2005



Patent 6,893,984

PATENT

IN UNITED STATES PATENT AND TRADEMARK OFFICE

Patent No.: 6,893,984

Docket No: 1303.046US1

Issue Date: May 17, 2005

Patentee: Kie Y. Ahn et al.

Customer No.: 21186

Confirmation No.: 9999

Title EVAPORATED LaAlO₃ FILMS FOR GATE DIELECTRICS

REQUEST FOR CERTIFICATE OF CORRECTION

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

It is requested that a Certificate of Correction be issued correcting printing errors appearing in the above-identified United States patent. Two copies of the text of the Certificate in the suggested form are enclosed.

Issuance of the Certificate of Correction would neither expand nor contract the scope of the claims as properly allowed, and re-examination is not required.

As the error is that of the Patent Office, it is believed that no fee is due.

The Examiner is authorized to charge any additional fees or credit overpayment to Deposit Account No.19-0743.

Respectfully Submitted

KIE Y. AHN ET AL.

By their Representatives,

SCHWEGMAN, LUNDBERG, WOESSNER & KLUTH, P.A.
P.O. Box 2938
Minneapolis, MN 55402
(612) 373-6900

Date: 7 June 2005

By: David R. Cochran
David R. Cochran
Reg. No: 46,632
DRC:mds

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Mya Schild
Name

Mya Schild
Signature

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UNITED STATES PATENT AND TRADEMARK OFFICE CERTIFICATE OF CORRECTION

PATENT NO : 6,893,984

Page (1) of 5

DATED : May 17, 2005

INVENTOR(S) : Ahn et al.

It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

On the face page, in field (54), in "Title", in column 1, line 1, delete "LAA1O₃" and insert - - LAALO₃ - -, therefor.

On the face page, in field (75), under "Inventors", in column 1, line 1, delete "Kiey" and insert - - Kie - -, therefor.

On the face page, in field (56), under "U.S. Patent Documents", in column 1, line 1, insert - - 4,058,430 11/1977 Suntola et al. 427/255.13 - - above "4,394,673 A 7/1983 Thompson et al. 357/15".

On the face page, in field (56), under "U.S. Patent Documents", in column 1, line 1, below "4,394,673 A 7/1983 Thompson et al. 357/15" insert - - 4,725,877 02/1988 Brasen et al. 257/751 - -.

On the face page, in field (56), under "Other Publications", in column 2, line 5, delete "LaA1O₃" and insert - - LaAlO₃ - -, therefor.

On the face page, in field (56), under "Other Publications", in column 2, line 9, delete "LaA1O₃" and insert - - LaAlO₃ - -, therefor.

MAILING ADDRESS OF SENDER:

SCHWEGMAN, LUNDBERG, WOESSNER, & KLUTH, P.A.
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Atty Docket No: 1303.046US1

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UNITED STATES PATENT AND TRADEMARK OFFICE CERTIFICATE OF CORRECTION

PATENT NO : 6,893,984

Page (2) of 5

DATED : May 17, 2005

INVENTOR(S) : Ahn et al.

It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

On the face page, in field (56), under "Other Publications", in column 2, line 11, delete "LaAlO₃" and insert - - LaAlO₃ - -, therefor.

On the face page, in field (56), under "Other Publications", in column 2, line 12, delete "LaAlO₃" and insert - - LaAlO₃ - -, therefor.

On page 2, in field (56), under "U.S. Patent Documents", in column 1, line 22, below "6,534,420 B2 3/2003 Ahn et al. 438/768" insert - - 6,537,613 3/2003 Senzaki et al. 427/250 - -.

On page 2, in field (56), under "U.S. Patent Documents", in column 1, line 24, below "6,627,503 B2 9/2003 Ma et al. 438/287" insert - - 6,639,267 10/2003 Eldridge, Jerome M. 257/310 - -.

On page 2, in field (56), under "U.S. Patent Documents", in column 1, line 25, below "6,645,882 B1* 11/2003 Halliyal et al. 438/785" insert - - 6,660,660 12/2003 Haukka et al. 438/778 - -.

On page 2, in field (56), under "U.S. Patent Documents", in column 1, line 28, delete "438/258" and insert - - 438/238 - -, therefor.

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Atty Docket No: 1303.046US1

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UNITED STATES PATENT AND TRADEMARK OFFICE CERTIFICATE OF CORRECTION

PATENT NO : 6,893,984

Page (3) of 5

DATED : May 17, 2005

INVENTOR(S) : Ahn et al.

It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

On page 2, in field (56), under "U.S. Patent Documents", in column 1, line 28, below
"6,699,745 B1 3/2004 Banerjee et al. 438/258" insert - - 6,713,846 03/2004 Senzaki
257/635 - -.

On page 2, in field (56), under "U.S. Patent Documents", in column 1, line 29, above
"2002/0089023 A1 7/2002 Yu et al. 257/411" insert - - 6,730,575 05/2004 Eldridge,
Jerome M. 257/310 - -.

On page 2, in field (56), under "U.S. Patent Documents", in column 1, line 29, below
"2002/0089023 A1 7/2002 Yu et al. 257/411" insert - - 2002/0111001 08/2002 Ahn et al.
438/592 - -.

On page 2, in field (56), under "U.S. Patent Documents", in column 2, line 5, below
"2003/0207593 A1 11/2003 Derderian et al. 438/778" insert - - 2004/0033701 A1 02/2004
Ahn et al. 438/785 - -.

On page 2, in field (56), under "Other Publications", in column 2, line 2, delete "LaAlO₃"
and insert - - LaAlO₃ - -, therefor.

On page 2, in field (56), under "Other Publications", in column 2, line 14, Delete "Bunshad"
and insert - - BUNSHAH - -, therefor.

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UNITED STATES PATENT AND TRADEMARK OFFICE CERTIFICATE OF CORRECTION

PATENT NO : 6,893,984

Page (4) of 5

DATED : May 17, 2005

INVENTOR(S) : Ahn et al.

It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

On page 2, in field (56), under "Other Publications", in column 2, line 21, after "Era" insert - - , - -.

On page 2, in field (56), under "Other Publications", in column 2, line 22, delete "Lattic" and insert - - Lattice - -, therefor.

In column 1, line 1, delete "LAA1O₃" and insert - - LAALO₃ - -, therefor.

In column 2, line 32, delete "(8.9 cV)" and insert - - (8.9 eV) - -, therefor.

In column 6, line 41, delete "cm²" and insert - - cm⁻² - -, therefor.

In column 8, line 66, after "La₂O₃" insert - - are less - -.

In column 12, line 40, in Claim 5, after "La₂O₃" delete ",".

In column 12, line 43, in Claim 6, delete "LaAl₃" and insert - - LaAlO₃ - -, therefor.

In column 12, line 67, in Claim 13, after "gun" delete "," and insert - - ; - -, therefor.

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UNITED STATES PATENT AND TRADEMARK OFFICE CERTIFICATE OF CORRECTION

PATENT NO : 6,893,984

Page (5) of 5

DATED : May 17, 2005

INVENTOR(S) : Ahn et al.

It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

In column 13, line 1, in Claim 13, delete "rare" and insert - - rate - -, therefor.

In column 13, line 23, in Claim 19, delete "nm/mm" and insert - - nm/min - -, therefor.

In column 13, line 24, in Claim 19, delete "nm/mm" and insert - - nm/min - -, therefor.

In column 13, line 44, in Claim 23, delete "rare" and insert - - rate - -, therefor.

In column 13, line 56, in Claim 26, delete "2x10⁻⁴" and insert - - 2x10⁻⁶ - -, therefor.

In column 13, line 62, in Claim 28, delete "nm/mm" and insert - - nm/min - -, therefor.

In column 14, line 17, in Claim 32, delete "or" and insert - - of - -, therefor.

In column 14, line 58, in Claim 39, delete "nm/mm" and insert - - nm/min - -, therefor.

In column 14, line 59, in Claim 39, delete "nm/mm" and insert - - nm/min - -, therefor.

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